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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission	Application Number 10/068,718
	Filing Date February 6, 2002
	First Named Inventor David K. Mesecher
	Art Unit 2637
	Examiner Name Temesghen Ghebretinsae
	Attorney Docket Number I-2-0108.3US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	VOLPE AND KOENIG, P.C.		
Signature			
Printed name	Jeffrey M. Glabicki		
Date	April 25, 2005	Reg. No.	42,584

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Jeffrey M. Glabicki	Date	April 25, 2005

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

David K. Mesecher

Application No.: 10/068,718

Confirmation No.: 9798

Filed: February 6, 2002

For: BASE STATION FOR USE IN A CDMA
COMMUNICATION SYSTEM USING AN
ANTENNA ARRAY

Group: 2637

Examiner: Temesghen Ghebretinsae

Our File: I-2-108.3US

Date: April 25, 2005

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
INCLUDING RULE 1.704 (d) STATEMENT**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. Newly cited documents are indicated by an asterisk (*).

Pursuant to 37 C.F.R. § 1.98 (a)(2)(ii), copies of the cited U.S. publications and/or patent documents have not been included.

In the spirit of Rule 1.704(d), the undersigned certifies that each new item of information contained in this Information Disclosure Statement was cited in a

Applicant: David K. Mesecher
Application No.: 10/068,718

communication from a counterpart U.S. patent application, and that this communication was not received by any individual designated in §1.56(c) more than thirty (30) days prior to the filing of the information disclosure statement.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

David K. Mesecher

By


Jeffrey M. Glabicki
Registration No. 42,584
(215) 568-6400

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

JMG/drj
Enclosure



FORM PTO-1449
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.
I-2-0108.3US

SERIAL NO.
10/068,718

APPLICANT
David K. Mesecher

FILING DATE
February 6, 2002

GROUP
2637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,662,268	05/1972	Gans et al.			
	4,736,460	04/1988	Rilling			
	4,901,307	02/1990	Gilhousen et al.			
	5,146,475	09/1992	Kubo			
	5,319,677	06/1994	Kim			
	5,331,666	07/1994	Dent			
	5,381,443	01/1995	Borth et al.			
	5,457,704	10/1995	Hoeher et al.			
	5,493,563	02/1996	Rozanski et al.			
	5,623,511	04/1997	Bar-David et al.			
	5,652,764	07/1997	Kanzaki et al.			
	5,673,294	09/1997	Namekata			
	5,680,419	10/1997	Bottomley			
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	5,809,020	09/1998	Bruckert et al.			
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	5,886,987	03/1999	Yoshida et al.			
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	5,952,968	09/1999	McDowell			
	5,982,327	11/1999	Vook et al.			
	5,991,332	11/1999	Lomp et al.			
	6,009,074	12.19/99	Kim et al.			
	6,026,130	02/2000	Rahmatullah et al.			
	6,044,120	03/2000	Bar-David et al.			
EXAMINER			DATE CONSIDERED			

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO. I-2-0108.3US	SERIAL NO. 10/068,718
		APPLICANT David K. Mesecher	
		FILING DATE February 6, 2002	GROUP 2637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,067,324	05/2000	Harrison			
		6,081,566	06/2000	Molnar et al.			
		6,108,517	08/2000	Arslan et al.			
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		6,154,443	11/2000	Huang et al.			
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		6,161,209	12/2000	Moher			
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2001/0030993	10/2001	Bottomely et al.			
	2002/003846	01/2002	Khayrallah et al.			
	2002/0122510	05/2002	Yakhnich et al.			
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	0 715 421	06/1996	EP			
	07 55 127 A2	01/1997	EP			
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	0 892 508	01/1999	EP			
	08 99 894 A2	03/1999	EP			
	22 80 575 A	02/1995	GB			

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Pahlavan et al., "Performance of Adaptive Matched Filter Receivers Over Fading Multipath Channels," IEEE Transactions on Communications, Vol. 38, No. 12, December 1990, pp. 2106-2113.
		Latva-aho et al., "LMMSE Detection for DS-CDMA Systems in Fading Channels," IEEE Transactions on Communications, Vol. 48, No. 2, February 2000, 194-199.
		Majmundar et al., "Adaptive Single-User Receivers for Direct-Sequence Spread-Spectrum CDMA Systems," IEEE Transactions on Vehicular Technology, Vol. 49, No. 2, March 2000, pp. 379-389.
		Foerster et al., "Coding for a Coherent DS-CDMA System Employing an MMSE Receiver in a Rayleigh Fading Channel," IEEE Transactions on Communications, Vol. 48, No. 6, June 2000, pp. 1012-1021.

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